



Division of Public Health Services

*Office of the Assistant Director
Public Health Preparedness Services*

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JANET NAPOLITANO, GOVERNOR
CATHERINE R. EDEN, DIRECTOR

FAX TRANSMITTAL SHEET

DATE: May 04, 2004

TO: Laboratory Director and QA Manager

FROM: Steven D. Baker, Office Chief
Lab Licensure, Certification and Training
State Laboratory Services

Subject: Information Update #84

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NOTE: If any of the pages are missing, please call 1-800-952-0374, (602) 364-0734 or (602) 364-0733.

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Information Update March 04, 2004 (Correction - May 04, 2004) Update #84

1. AS of June 01, 2004, our Office will move to 250 N. 17th Avenue, Phoenix, AZ 85007-3231. Please make a note of the new mailing address. Our telephone and fax numbers will remain the same.
2. EPA Method 1664A requires the use of an explosion proof hood, centrifuge, steam bath etc., for safety reasons. We enquired with Mr. Dale Rushneck, an EPA Contractor for wastewater methods, if our Office should enforce this requirement. His response is as follows:

"Sections 5.2 and 6.6.10 of EPA Method 1664A require that all operations be performed in an explosion-proof hood or well-ventilated area. If a well-ventilated area is used, and explosion-proof hood is not required. I worked in a lab in southern California in the 1970s and we performed extractions and concentrations in an outdoor area that looked like a carport, so an explosion-proof hood was not required. If a hood is used, it must be explosion-proof. Explosion-proof can mean many things, depending on the design of the hood. For example, the blower can be driven with a long shaft that isolates the motor from any vapors exiting the hood.

Section 6.4.5 requires an explosion-proof centrifuge, and Section 6.6.1 requires an explosion-proof water or steam bath. I do not believe that EPA intends that the flexibility afforded by the performance-based provisions in Method 1668(4)A be extended to creating conditions for an explosion in a laboratory. Therefore, explosion-proof conditions or devices are required to eliminate the possibility of an explosion."

Our Office strongly recommends that the laboratories should be aware of these safety aspects of this method and make sure that the necessary precautions are taken.

3. The checklists that are used by the Arizona Surveyors as guidance during audits are now available on our following web site:

<http://www.hs.state.az.us/lab/license/tech/infoup.htm>

4. On May 18, 2004, EPA will be broadcasting a training seminar on Stage 1 disinfectants and disinfection Byproducts Rule, via satellite. Our Office is planning to downlink the program at ADHS, Room 115B, 150 North 18th Avenue, Phoenix, AZ 85007. The seminar is from 8:00 AM to 2:00 PM. If you are interested in attending, please contact Prabha Acharya at (602) 364-0734. The seating is limited, so respond ASAP.
5. The amendment to the Arizona Laboratory Licensure rules, Section R9-14-610, Approved Methods and References, was finalized on April 06, 2004. R9-14-610(B)(2)(d)(iii) previously required a petitioner provide a reference to an EPA or ADEQ requirement to test the parameter for which a method approval was required. This amendment will allow for an FDA requirement for testing of a parameter, for e.g., bottled water testing requirement, for which a method approval is required. Another significant change is that it is no longer required that the petitioned parameter testing be part of an EPA or ADEQ statute or rule.
6. If you have any questions, please call Prabha Acharya, Program Manager, Technical Resources and Training, at the Laboratory Licensure numbers or E-mail, pachary@hs.state.az.us. Copies of the Information Updates can now be found at our internet address: <http://www.hs.state.az.us/lab/license/tech/infoup.htm>